


SABAVATH PRAVEEN KUMAR

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OBJECTIVE

A highly motivated final-year Mechanical Engineering student with strong fundamentals in design, manufacturing and industrial systems, eager to apply technical expertise and problem-solving skills to contribute to Reliance's industrial excellence. Passionate about sustainability, automation and energy efficiency, while bringing leadership, teamwork & adaptability to drive long-term value for the organization.

EDUCATION

Bachelor of Technology in Mechanical Engineering	2022 - 2026
Rajiv Gandhi University of Knowledge Technologies, Basar	GPA: 6.6
Pre-University Course	2020- 2022
Rajiv Gandhi University of Knowledge Technologies, Basar	GPA: 6.6

KEY PROJECTS

Solar Panel Hydrogen fuel Cell Electric Vehicle

- Successfully designed and analyzed a compact electric vehicle powered by an integrated system of solar panels and hydrogen fuel cells, aiming to enhance energy efficiency and reduce environmental impact. The project demonstrated the feasibility of hybrid renewable energy systems in sustainable mobility solutions through simulation, design prototyping, and performance evaluation.

Fabrication of 3D Prototype using SLS Technology

- Successfully developed a functional 3D prototype of a cup holder using Selective Laser Sintering (SLS) technology and PreForm software. The project enhanced practical understanding of additive manufacturing, from CAD modeling to print optimization, and demonstrated proficiency in precision prototyping for real-world product applications.

EXPERIENCE

- Business Development Intern** | Matwhiz Ingenuity Pvt Ltd | May 2025
- Internship Trainee Additive Manufacturing & 3D Printing** | Central Institute of Tool Design , MSME| June 2025
- Summer School fellow** | The Indian Vidhyarthi | July 2025

SKILLS

Design softwares	AutoCAD 2D ,SolidWorks , Ansys Workbench , Altair HyperMesh , Figma , Ultimaker Cura , Preform & Canva
Soft skills	Adaptability & Resilience , Leadership & Management , Corporate Communication , Strategy & Consulting Mindset
Course Work	Thermodynamics, Heat Transfer, Manufacturing Process , Machine Design , Strength of Materials & HVAC Systems
CRM Tools	Zoho CRM , Salesforce , Hubspot
Programming Tools	C Language , Python , Power BI , Excel

POSITIONS & RESPONSIBILITIES

- Executive Member & Head of Corporate Relations** | Entrepreneurship Cell RGUKT Basar ,
Led corporate partnership initiatives and stakeholder engagement & Developed strategic relationships with industry partners
Organized networking events and business development activities & Strengthened university-industry collaboration ecosystem .
- Head** | Team Torque , RGUKT Basar
Organized ideathons and knowledge-sharing sessions , Built ecosystem for manufacturing and automotive
Startups Facilitated workshop on manufacturing innovations .

ACHIEVEMENTS

- Winner - Autown'24 Symposium** , BITS PILANI HYD in the Domain of Materials Science & Manufacturing
- Finalist - National Entrepreneurship Challenge (NEC 2024)** , E-Cell IIT Bombay
- Workshop Coordinator** – Illuminate Workshop , RGUKT Basar in Collaboration with **E-Cell IIT Bombay**

CERTIFICATIONS

- Organizational Leadership & innovation Game** | The Wharton School University of Pennsylvania
- Executive Diploma In Business Communication** | Uniathena
- Discovering SAP Digital Manufacturing & SAP Business Network** | SAP
- Supply Chain Foundations** | LinkedIn Learning
- Operations Associate Programme** | Reliance Foundation
- Nesternship Programme [Resilience]** | Nestle